

=> b hcap

FILE 'HCAPLUS' ENTERED AT 10:13:50 ON 02 MAR 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications.

The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 2 Mar 2004 VOL 140 ISS 10
FILE LAST UPDATED: 1 Mar 2004 (20040301/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

'OBI' IS DEFAULT SEARCH FIELD FOR 'HCAPLUS' FILE

=> d all 11

L1 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:648411 HCAPLUS
DN 137:190741
ED Entered STN: 28 Aug 2002
TI Nitrogen oxide modulators for the treatment of itching
IN Kuraishi, Yasushi; Miyamoto, Takayuki
PA Ikeda Mohando Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
IC ICM A61K045-00
ICS A61K045-06; A61P017-04; A61P043-00; A61K031-223
CC 63-6 (Pharmaceuticals)
Section cross-reference(s): 1

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	-----	-----	-----	-----
PI	JP 2002241308	A2	20020828	JP 2001-44656	20010221
	US 2002156129	A1	20021024	US 2001-982380	20011017 <--
PRAI	JP 2001-44656	A	20010221		
AB	This invention relates to therapeutics for the treatment of itching which is caused by hypofunction of skin barriers. The agents for the treatment of itching exhibit (1) NO biosynthesis-inhibiting activities and/or (2) NO-removing activities by binding with NO in vivo. For example, an ointment was formulated containing 5 % N ₀ -nitro-L-arginine Me ester.				
ST	nitrogen oxide inhibitor itching treatment; ointment nitroarginine methyl ester itching				
IT	Pruritus (nitrogen oxide modulators for treatment of itching)				
IT	Hemoglobins RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)				

(nitrogen oxide modulators for treatment of itching)
IT Drug delivery systems
(ointments; nitrogen oxide modulators for treatment of itching)
IT 125978-95-2, NO synthase
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(inhibitors; nitrogen oxide modulators for treatment of itching)
IT 10102-43-9, Nitrogen monoxide, biological studies
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(nitrogen oxide modulators for treatment of itching)
IT 96-50-4, 2-Aminothiazole 271-44-3, Indazole 2149-70-4,
N_ω-Nitro-L-arginine 2942-42-9, 7-Nitroindazole 2986-19-8,
S-Methylisothiourea 2986-20-1, S-Ethylisothiourea 6913-17-3
7597-18-4, 6-Nitroindazole 13395-35-2, 2-Iminobiotin 17035-90-4,
L-NMMA 25371-96-4 30315-93-6 36889-13-1 50903-99-6, L-NAME
50961-01-8, 2-Aminothiazoline 53774-63-3 57444-72-1 139299-32-4
139461-37-3 145157-47-7 156719-37-8, L-Thiocitrulline 156719-38-9,
L-Homothiocitrulline 156719-41-4, S-Methyl-L-thiocitrulline
157254-42-7 158875-72-0, S-Ethyl-L-thiocitrulline 163490-54-8
168895-09-8, AR-R17477 180001-34-7 451474-04-7, HMN 1180
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL
(Biological study); USES (Uses)
(nitrogen oxide modulators for treatment of itching)

=> b reg

FILE 'REGISTRY' ENTERED AT 10:14:08 ON 02 MAR 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 1 MAR 2004 HIGHEST RN 656797-92-1
DICTIONARY FILE UPDATES: 1 MAR 2004 HIGHEST RN 656797-92-1

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

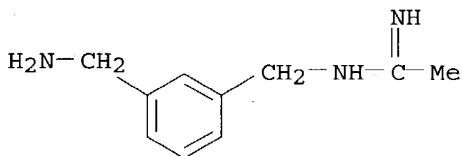
=> d ide tot 13 *L3 was the set of compounds in the inventors work*

L3 ANSWER 1 OF 31 REGISTRY COPYRIGHT 2004 ACS on STN
RN 451474-04-7 REGISTRY
CN HMN 1180 (9CI) (CA INDEX NAME)
ENTE A nitric oxide modulator (Japan)
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

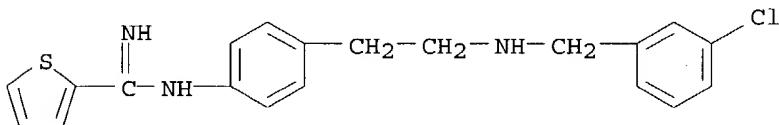
L3 ANSWER 2 OF 31 REGISTRY COPYRIGHT 2004 ACS on STN
RN **180001-34-7** REGISTRY
CN Ethanimidamide, N-[(3-(aminomethyl)phenyl)methyl]- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 1400W
CN W 1400
FS 3D CONCORD
MF C10 H15 N3
CI COM
SR CA
LC STN Files: BIOSIS, CA, CAPLUS, CHEMCATS, CSCHEM, SYNTHLINE, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

42 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
42 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 3 OF 31 REGISTRY COPYRIGHT 2004 ACS on STN
RN **168895-09-8** REGISTRY
CN 2-Thiophenecarboximidamide, N-[4-[2-[(3-chlorophenyl)methyl]amino]ethyl]phenyl- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN AR-R 17477
FS 3D CONCORD
MF C20 H20 Cl N3 S
CI COM
SR CA
LC STN Files: BIOSIS, CA, CAPLUS, TOXCENTER, USPATFULL



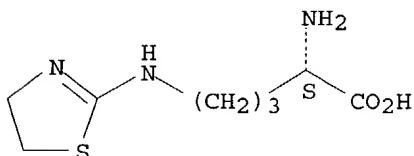
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

9 REFERENCES IN FILE CA (1907 TO DATE)
9 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 4 OF 31 REGISTRY COPYRIGHT 2004 ACS on STN
RN **163490-54-8** REGISTRY

CN L-Ornithine, N5- (4,5-dihydro-2-thiazolyl)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 DR 449181-59-3
 MF C8 H15 N3 O2 S
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

Absolute stereochemistry.

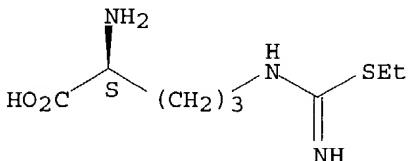


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 5 OF 31 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 158875-72-0 REGISTRY
 CN L-Ornithine, N5-[(ethylthio)iminomethyl]- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN S-Ethyl-L-thiocitrulline
 FS STEREOSEARCH
 MF C8 H17 N3 O2 S
 CI COM
 SR CA
 LC STN Files: BIOSIS, CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL

Absolute stereochemistry.

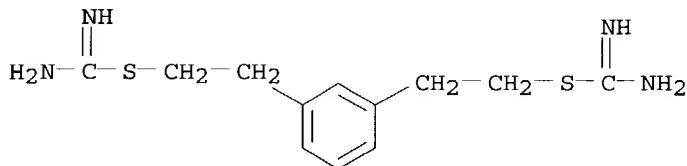


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

11 REFERENCES IN FILE CA (1907 TO DATE)
 11 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 6 OF 31 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 157254-42-7 REGISTRY
 CN Carbamimidothioic acid, 1,3-phenylenedi-2,1-ethanediyl ester (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 1,3-PBIT
 FS 3D CONCORD
 MF C12 H18 N4 S2
 CI COM

SR CA
 LC STN Files: BIOSIS, CA, CAPLUS, TOXCENTER, USPATFULL

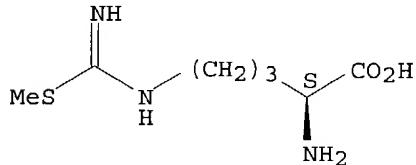


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10 REFERENCES IN FILE CA (1907 TO DATE)
 10 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 7 OF 31 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 156719-41-4 REGISTRY
 CN L-Ornithine, N5-[imino(methylthio)methyl]- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN S-Methyl-L-thiocitrulline
 CN S-Methylthiocitrulline
 CN S-MTC
 FS STEREOSEARCH
 MF C7 H15 N3 O2 S
 CI COM
 SR CA
 LC STN Files: BIOSIS, CA, CANCERLIT, CAPLUS, CEN, CHEMCATS, MEDLINE,
 TOXCENTER, USPAT2, USPATFULL

Absolute stereochemistry. Rotation (+).

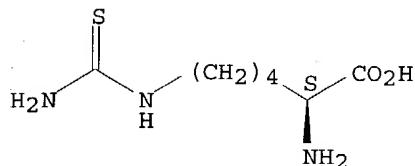


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

40 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 40 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 8 OF 31 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 156719-38-9 REGISTRY
 CN L-Lysine, N6-(aminothioxomethyl)- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN L-Homothiocitrulline
 FS STEREOSEARCH
 MF C7 H15 N3 O2 S
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

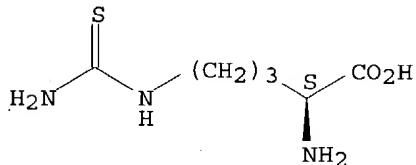


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1907 TO DATE)
 4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 9 OF 31 REGISTRY COPYRIGHT 2004 ACS on STN
 RN **156719-37-8** REGISTRY
 CN L-Ornithine, N5-(aminothioxomethyl)- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN L-TC
 CN L-Thiocitrulline
 FS STEREOSEARCH
 MF C6 H13 N3 O2 S
 CI COM
 SR CA
 LC STN Files: BIOSIS, CA, CAPLUS, CHEMCATS, CSCHEM, TOXCENTER, USPATFULL

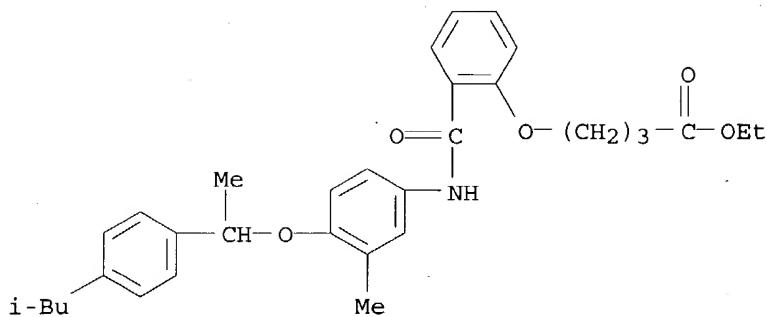
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

41 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 41 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 10 OF 31 REGISTRY COPYRIGHT 2004 ACS on STN
 RN **145157-47-7** REGISTRY
 CN Butanoic acid, 4-[2-[[[3-methyl-4-[(1-[4-(2-methylpropyl)phenyl]ethoxy]phenyl]amino]carbonyl]phenoxy]-, ethyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C32 H39 N O5
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

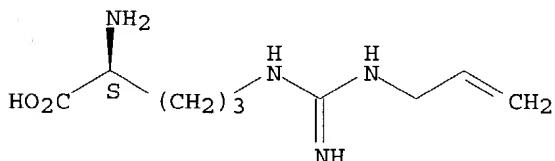


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 11 OF 31 REGISTRY COPYRIGHT 2004 ACS on STN
 RN **139461-37-3** REGISTRY
 CN L-Ornithine, N5-[imino(2-propenylamino)methyl]- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C9 H18 N4 O2
 CI COM
 SR CA
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMINFORMRX, MEDLINE,
 TOXCENTER, USPATFULL
 (*File contains numerically searchable property data)

Absolute stereochemistry.

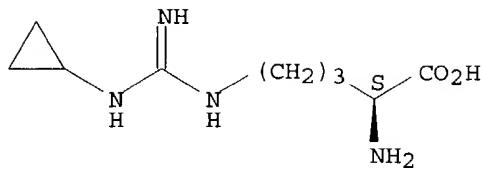


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

13 REFERENCES IN FILE CA (1907 TO DATE)
 13 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 12 OF 31 REGISTRY COPYRIGHT 2004 ACS on STN
 RN **139299-32-4** REGISTRY
 CN L-Ornithine, N5-[(cyclopropylamino)iminomethyl]- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C9 H18 N4 O2
 CI COM
 SR CA
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, MEDLINE, TOXCENTER,
 USPATFULL
 (*File contains numerically searchable property data)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

8 REFERENCES IN FILE CA (1907 TO DATE)
 8 REFERENCES IN FILE CAPLUS (1907 TO DATE)

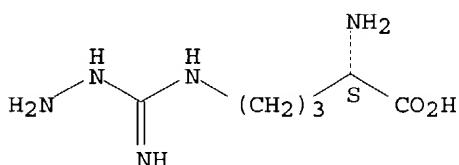
L3 ANSWER 13 OF 31 REGISTRY COPYRIGHT 2004 ACS on STN
 RN **125978-95-2** REGISTRY
 CN Synthase, nitric oxide (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN E.C. 1.14.13.39
 CN Nitric oxide synthase
 CN Nitric oxide synthetase
 CN NO synthase
 MF Unspecified
 CI MAN
 SR CA
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CAPLUS, CEN, CHEMCATS, CIN, CSCHEM, EMBASE, IPA, PROMT, TOXCENTER, USPAT2, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

18705 REFERENCES IN FILE CA (1907 TO DATE)
 64 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 18732 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 14 OF 31 REGISTRY COPYRIGHT 2004 ACS on STN
 RN **57444-72-1** REGISTRY
 CN L-Ornithine, N5-(hydrazinoiminomethyl)- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN NG-Amino-L-arginine
 FS STEREOSEARCH
 MF C₆ H₁₅ N₅ O₂
 CI COM
 LC STN Files: CA, CANCERLIT, CAPLUS, MEDLINE, TOXCENTER, USPAT2, USPATFULL

Absolute stereochemistry.

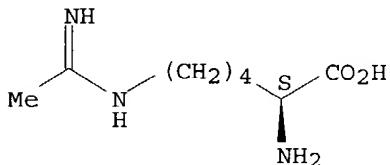


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

47 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 47 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 15 OF 31 REGISTRY COPYRIGHT 2004 ACS on STN
RN 53774-63-3 REGISTRY
CN L-Lysine, N6-(1-iminoethyl)- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN ϵ -Acetimidylllysine
CN L-NIL
FS STEREOSEARCH
MF C8 H17 N3 O2
CI COM
LC STN Files: ANABSTR, BIOSIS, BIOTECHNO, CA, CAPLUS, CHEMCATS, EMBASE, TOXCENTER, USPATFULL

Absolute stereochemistry.



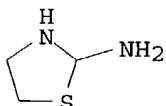
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

75 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
75 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 16 OF 31 REGISTRY COPYRIGHT 2004 ACS on STN
RN 50961-01-8 REGISTRY
CN 2-Thiazolamine, dihydro- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Thiazoline, 2-amino- (7CI)
OTHER NAMES:
CN 2-Aminothiazoline
MF C3 H6 N2 S
CI IDS, COM
LC STN Files: BIOSIS, CA, CAOLD, CAPLUS, CHEMCATS, TOXCENTER, USPATFULL

CM 1

CRN 50283-09-5
CMF C3 H8 N2 S

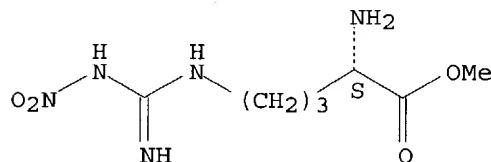


15 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
15 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L3 ANSWER 17 OF 31 REGISTRY COPYRIGHT 2004 ACS on STN
RN 50903-99-6 REGISTRY

CN L-Ornithine, N5-[imino(nitroamino)methyl]-, methyl ester (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN L-NAME
 CN L-NAME
 CN N-Nitro-L-arginine methyl ester
 CN N_ω-Nitro-L-arginine methyl ester
 CN N_ω-Nitro-L-arginine methyl ester
 CN NAME
 CN NG-Nitro-L-arginine Me ester
 CN NG-Nitro-L-arginine methyl ester
 FS STEREOSEARCH
 DR 162715-84-6, 126265-24-5, 189639-12-1
 MF C7 H15 N5 O4
 CI COM
 LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CEN, CHEMCATS, CIN, DIOGENES, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, PROMT, RTECS*, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)

Absolute stereochemistry.

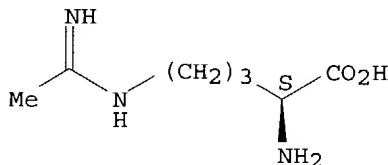


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1510 REFERENCES IN FILE CA (1907 TO DATE)
 6 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1514 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 18 OF 31 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 36889-13-1 REGISTRY
 CN L-Ornithine, N5-(1-iminoethyl)- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN L-NIO
 CN N₈-(Iminoethyl)-L-ornithine
 CN N₅-(1-Iminoethyl)-L-ornithine
 FS STEREOSEARCH
 MF C7 H15 N3 O2
 CI COM
 LC STN Files: BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CHEMCATS, CSCHEM, EMBASE, MEDLINE, TOXCENTER, USPAT2, USPATFULL

Absolute stereochemistry.

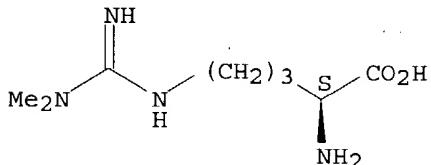


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

110 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 110 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 19 OF 31 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 30315-93-6 REGISTRY
 CN L-Ornithine, N5-[(dimethylamino)iminomethyl]- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Ornithine, N5-(N,N-dimethylamidino)-, L- (8CI)
 OTHER NAMES:
 CN ADMA
 CN Asymmetric dimethylarginine
 CN Dimethyl-L-arginine
 CN L-NG,NG-Dimethylarginine
 CN Ng,Ng-Dimethylarginine
 CN NG,NG-Dimethylarginine
 FS STEREOSEARCH
 DR 32747-09-4
 MF C8 H18 N4 O2
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CIN, CSCHEM, EMBASE, MEDLINE, PROMT, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)

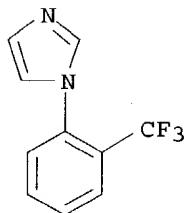
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

264 REFERENCES IN FILE CA (1907 TO DATE)
 4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 266 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 20 OF 31 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 25371-96-4 REGISTRY
 CN 1H-Imidazole, 1-[2-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Imidazole, 1-(α , α , α -trifluoro-o-tolyl)- (8CI)
 OTHER NAMES:
 CN 1-(2-Trifluoromethylphenyl)imidazole
 FS 3D CONCORD
 MF C10 H7 F3 N2
 CI COM
 LC STN Files: BIOSIS, CA, CANCERLIT, CAPLUS, CHEMCATS, CSCHEM, MEDLINE, TOXCENTER, USPAT2, USPATFULL

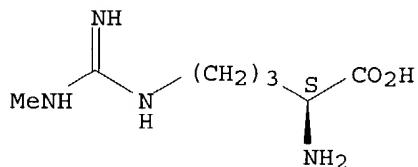


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

33 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 33 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 21 OF 31 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 17035-90-4 REGISTRY
 CN L-Ornithine, N5-[imino(methylamino)methyl]- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Ornithine, N5-(methylamidino)-, L- (8CI)
 OTHER NAMES:
 CN ω -N-Methylarginine
 CN ω -N-Monomethylarginine
 CN L-Monomethylarginine
 CN L-NG-Methylarginine
 CN L-NMA
 CN L-NMMA
 CN Methylarginine
 CN N5-(Methylamidino)-L-ornithine
 CN NG-Methyl-L-arginine
 CN NG-methyl-L-arginine
 CN NG-Methylarginine
 CN NG-Monomethyl-L-arginine
 CN NG-Monomethylarginine
 CN Targinine
 FS STEREOSEARCH
 DR 42342-68-7
 MF C7 H16 N4 O2
 CI COM
 LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CIN, CSCHEM, DDFU, DRUGU, EMBASE, IMSPATENTS, IMSRESEARCH, IPA, MEDLINE, PHAR, PROMT, RTECS*, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL
 (*File contains numerically searchable property data)

Absolute stereochemistry.

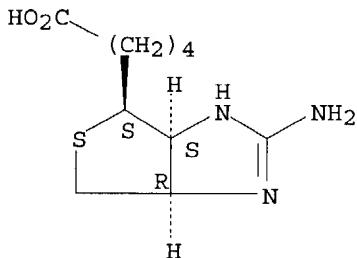


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

859 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 861 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 22 OF 31 REGISTRY COPYRIGHT 2004 ACS on STN
 RN **13395-35-2** REGISTRY
 CN 1H-Thieno[3,4-d]imidazole-4-pentanoic acid, 2-amino-3a,4,6,6a-tetrahydro-,
 (3aS,4S,6aR)- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1H-Thieno[3,4-d]imidazole-4-pentanoic acid, 2-amino-3a,4,6,6a-tetrahydro-,
 [3aS-(3a α ,4 β ,6a α)]-
 CN Thieno[3,4-d]imidazoline-4-valeric acid, tetrahydro-2-imino- (8CI)
 OTHER NAMES:
 CN 2-Iminobiotin
 CN Iminobiotin
 FS STEREOSEARCH
 MF C10 H17 N3 O2 S
 CI COM
 LC STN Files: AGRICOLA, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA,
 CANCERLIT, CAOLD, CAPLUS, CHEMCATS, CSCHEM, EMBASE, MEDLINE, TOXCENTER,
 USPATFULL
 (*File contains numerically searchable property data)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

94 REFERENCES IN FILE CA (1907 TO DATE)
 19 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 95 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

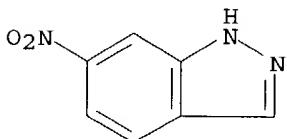
L3 ANSWER 23 OF 31 REGISTRY COPYRIGHT 2004 ACS on STN
 RN **10102-43-9** REGISTRY
 CN Nitrogen oxide (NO) (8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN Amidogen, oxo-
 CN INOmax
 CN Nitric oxide
 CN Nitric oxide (NO)
 CN Nitric oxide trimer
 CN Nitrogen monooxide
 CN Nitrogen monoxide
 CN Nitrogen oxide (N4O4)
 CN Nitrogen(II) oxide
 CN Nitrosyl radical
 CN OHM 11771
 DR 53851-19-7, 51005-20-0, 51005-21-1, 90452-29-2

MF N O
CI COM
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DIOGENES, DIPPR*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN*, HSDB*, IFICDB, IFIPAT, IFIUDB, IMSPATENTS, IMSRESEARCH, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PDLCOM*, PIRA, PROMT, RTECS*, SPECINFO, TOXCENTER, TULSA, ULIDAT, USPAT2, USPATFULL, VETU, VTB
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

N—O

78192 REFERENCES IN FILE CA (1907 TO DATE)
458 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
78350 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 24 OF 31 REGISTRY COPYRIGHT 2004 ACS on STN
RN 7597-18-4 REGISTRY
CN 1H-Indazole, 6-nitro- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
CN 6-Nitro-1H-indazole
CN 6-Nitroindazole
CN 6-Nitroisoindazole
CN NSC 35066
CN NSC 56816
FS 3D CONCORD
MF C7 H5 N3 O2
CI COM
LC STN Files: BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CSCHEM, DDFU, DRUGU, HODOC*, IFICDB, IFIPAT, IFIUDB, MEDLINE, PIRA, RTECS*, SPECINFO, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)
Other Sources: EINECS**, NDSL**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

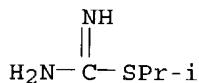


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

170 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
170 REFERENCES IN FILE CAPLUS (1907 TO DATE)
9 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L3 ANSWER 25 OF 31 REGISTRY COPYRIGHT 2004 ACS on STN
RN 6913-17-3 REGISTRY

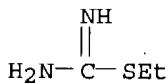
CN Carbamimidothioic acid, 1-methylethyl ester (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Pseudourea, 2-isopropyl-2-thio- (7CI, 8CI)
OTHER NAMES:
CN 2-Isopropyl-2-thiopseudourea
FS 3D CONCORD
MF C4 H10 N2 S
CI COM
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, TOXCENTER, USPATFULL
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

19 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
19 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L3 ANSWER 26 OF 31 REGISTRY COPYRIGHT 2004 ACS on STN
RN 2986-20-1 REGISTRY
CN Carbamimidothioic acid, ethyl ester (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Pseudourea, 2-ethyl-2-thio- (6CI, 7CI, 8CI)
OTHER NAMES:
CN 2-Ethyl-2-thiopseudourea
CN S-EIT
CN S-Ethylisothiourea
FS 3D CONCORD
DR 161722-89-0
MF C3 H8 N2 S
CI COM
LC STN Files: BEILSTEIN*, BIOSIS, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMINFORMRX, CHEMLIST, DDFU, DRUGU, IFICDB, IFIPAT, IFIUDB, MEDLINE, NIOSHTIC, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

96 REFERENCES IN FILE CA (1907 TO DATE)
7 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
96 REFERENCES IN FILE CAPLUS (1907 TO DATE)
10 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L3 ANSWER 27 OF 31 REGISTRY COPYRIGHT 2004 ACS on STN
RN 2986-19-8 REGISTRY
CN Carbamimidothioic acid, methyl ester (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Pseudourea, 2-methyl-2-thio- (6CI, 8CI)

OTHER NAMES:

CN 2-Methyl-2-pseudothiourea

CN 2-Methyl-2-thiopseudourea

CN 2-Methylisothiourea

CN 2-Methylpseudothiourea

CN 2-Methylthiourea

CN Methylisothiourea

CN Methylisothiuronium

CN Methylthiopseudourea

CN S-Methylisothiourea

CN S-Methylpseudothiourea

CN S-Methylthiopseudourea

CN S-Methylthiourea

FS 3D CONCORD

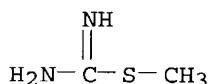
DR 53212-69-4, 72046-62-9

MF C2 H6 N2 S

CI COM

LC STN Files: AGRICOLA, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CSCHEM, DDFU, DRUGU, HODOC*, IFICDB, IFIPAT, IFIUDB, MEDLINE, NIOSHTIC, RTECS*, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL

(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

373 REFERENCES IN FILE CA (1907 TO DATE)

11 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

373 REFERENCES IN FILE CAPLUS (1907 TO DATE)

14 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L3 ANSWER 28 OF 31 REGISTRY COPYRIGHT 2004 ACS on STN

RN 2942-42-9 REGISTRY

CN 1H-Indazole, 7-nitro- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN 7-Nitro-1H-indazole

CN 7-Nitroindazole

CN NSC 72843

FS 3D CONCORD

MF C7 H5 N3 O2

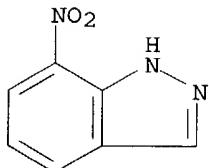
CI COM

LC STN Files: ADISNEWS, AGRICOLA, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU, DRUGU, EMBASE, HODOC*, IFICDB, IFIPAT, IFIUDB, MEDLINE, RTECS*, SPECINFO, TOXCENTER, USPAT2, USPATFULL

(*File contains numerically searchable property data)

Other Sources: EINECS**

(**Enter CHEMLIST File for up-to-date regulatory information)

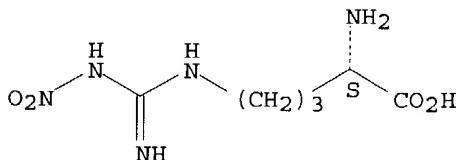


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

338 REFERENCES IN FILE CA (1907 TO DATE)
 4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 338 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 5 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L3 ANSWER 29 OF 31 REGISTRY COPYRIGHT 2004 ACS on STN
 RN **2149-70-4** REGISTRY
 CN L-Ornithine, N5-[imino(nitroamino)methyl]- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Ornithine, N5-(nitroamidino)-, L- (8CI)
 OTHER NAMES:
 CN (+)-NG-Nitroarginine
 CN ω -Nitro-L-arginine
 CN ω -Nitroarginine
 CN L-Arginine, ω -nitro-
 CN L-Arginine, NG-nitro-
 CN L-NG-Nitroarginine
 CN L-NNA
 CN N ω -Nitro-L-arginine
 CN N ω -Nitro-L-arginine
 CN NG-Nitro-L-arginine
 CN NG-Nitroarginine
 CN Nitro-L-arginine
 CN Nitroarginine
 CN NOLA
 CN NSC 53662
 FS STEREOSEARCH
 DR 13855-78-2, 126265-23-4, 38733-00-5
 MF C6 H13 N5 O4
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST,
 CIN, CSCHEM, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE,
 PROMT, RTECS*, SPECINFO, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

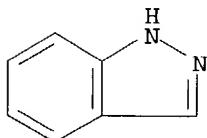
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

946 REFERENCES IN FILE CA (1907 TO DATE)
21 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
946 REFERENCES IN FILE CAPLUS (1907 TO DATE)
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L3 ANSWER 30 OF 31 REGISTRY COPYRIGHT 2004 ACS on STN
RN **271-44-3** REGISTRY
CN 1H-Indazole (7CI, 8CI, 9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Indazole (6CI)
OTHER NAMES:
CN 1,2-Diazaindene
CN 1H-Benzopyrazole
CN 2-Azaindole
CN Isoindazole
CN NSC 26336
CN NSC 90357
FS 3D CONCORD
DR 116421-37-5
MF C7 H6 N2
CI COM, RPS
LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, DETHERM*, EMBASE, GMELIN*, HODOC*, IFICDB, IFIPAT, IFIUDB, MRCK*, NIOSHTIC, PIRA, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)
Other Sources: EINECS**
(**Enter CHEMLIST File for up-to-date regulatory information)

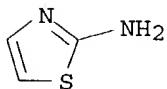


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

791 REFERENCES IN FILE CA (1907 TO DATE)
57 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
792 REFERENCES IN FILE CAPLUS (1907 TO DATE)
33 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L3 ANSWER 31 OF 31 REGISTRY COPYRIGHT 2004 ACS on STN
RN **96-50-4** REGISTRY
CN 2-Thiazolamine (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Thiazole, 2-amino- (8CI)
OTHER NAMES:
CN 2-Amino-1,3-thiazole
CN 2-Aminothiazole
CN 2-Thiazolylamine
CN Abadol
CN Abadole
CN Aminothiazole

CN Basedol
 CN NSC 1900
 FS 3D CONCORD
 DR 58473-79-3, 5654-01-3
 MF C3 H4 N2 S
 CI COM
 LC STN Files: ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, DDFU, DETHERM*, DRUGU, EMBASE, GMELIN*, HODOC*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PROMT, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL, VTB
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**, WHO
 (**Enter CHEMLIST File for up-to-date regulatory information)



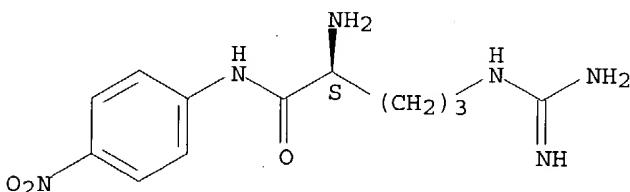
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1909 REFERENCES IN FILE CA (1907 TO DATE)
 65 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1915 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 15 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> d ide 15 tot

L5 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 140845-10-9 REGISTRY
 CN Pentanamide, 2-amino-5-[(aminoiminomethyl)amino]-N-(4-nitrophenyl)-, dihydrofluoride, (S)- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN Arginine p-nitroanilide dihydrofluoride
 FS STEREOSEARCH
 MF C12 H18 N6 O3 . 2 F H
 SR CA
 LC STN Files: CA, CAPLUS
 CRN (6154-84-3)

Absolute stereochemistry.

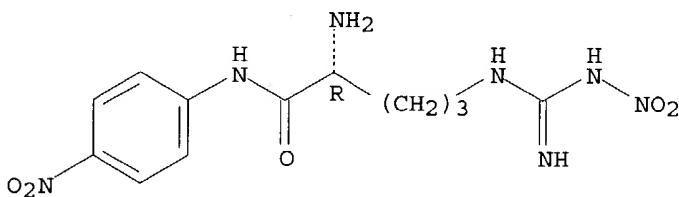


●2 HF

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 40127-15-9 REGISTRY
 CN Pentanamide, 2-amino-5-[[imino(nitroamino)methyl]amino]-N-(4-nitrophenyl)-, monohydrobromide, (R)- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN **N₀-Nitro-D-arginine p-nitroanilide hydrobromide**
 FS STEREOSEARCH
 MF C12 H17 N7 O5 . Br H
 LC STN Files: BEILSTEIN*, CA, CAPLUS
 (*File contains numerically searchable property data)

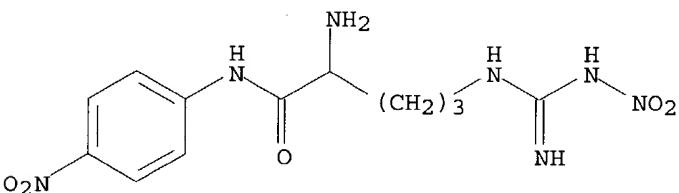
Absolute stereochemistry.



● HBr

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 40127-14-8 REGISTRY
 CN Pentanamide, 2-amino-5-[[imino(nitroamino)methyl]amino]-N-(4-nitrophenyl)-, monohydrobromide (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Pentanamide, 2-amino-5-[[imino(nitroamino)methyl]amino]-N-(4-nitrophenyl)-, monohydrobromide, (±)-
 OTHER NAMES:
 CN **N₀-Nitro-DL-arginine p-nitroanilide hydrobromide**
 MF C12 H17 N7 O5 . Br H
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CHEMCATS
 (*File contains numerically searchable property data)

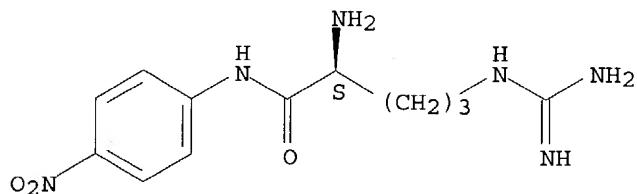


● HBr

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2004 ACS on STN
RN 6154-84-3 REGISTRY
CN Pentanamide, 2-amino-5-[(aminoiminomethyl)amino]-N-(4-nitrophenyl)-, (2S)-
(9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Pentanamide, 2-amino-5-[(aminoiminomethyl)amino]-N-(4-nitrophenyl)-, (S)-
CN Valerenilide, 2-amino-5-guanidino-4'-nitro-, L- (8CI)
OTHER NAMES:
CN Arginine 4-nitroanilide
CN Arginine p-nitroanilide
CN L-Arginine p-nitroanilide
FS STEREOSEARCH
DR 105115-69-3
MF C12 H18 N6 O3
CI COM
LC STN Files: AGRICOLA, BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT,
CHEMCATS, CSCHEM, EMBASE, PROMT, TOXCENTER, USPATFULL
(*File contains numerically searchable property data)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

61 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
61 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> b home
FILE 'HOME' ENTERED AT 10:14:29 ON 02 MAR 2004